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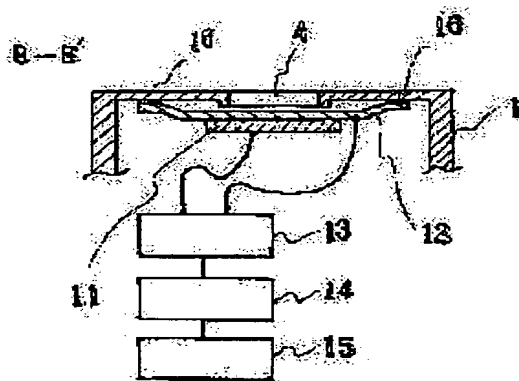
### (54) BEER FROTHING MACHINE

#### (57)Abstract:

PURPOSE: To provide a beer frothing machine capable of easily keeping the volume of the foam on beer by placing the machine on a table of a home or a pub and applying ultrasonic wave to beer at controlled time and interval, thereby keeping the volume of the foam on the beer at a nearly constant level.

CONSTITUTION: A PZT oscillator 11 is polarized and fixed to an ultrasonic wave generation unit 1 through a stainless steel plate 12 and the oscillation circuit 13 of the generation unit is connected to a timer circuit 14 and a power source 15. A cup containing beer is placed on a holding part A, ultrasonic wave is applied to the cup to generate a proper amount of foam and the application of ultrasonic wave is continued at proper intervals. Preferably, the frequency of the applied ultrasonic wave is 25-150kHz and

the power density is 0.05-1.0w/cm<sup>2</sup>.



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